

TABLE M-1
CONSTRUCTION EMPLOYMENT, OUTPUT AND INCOME GENERATION
ASSOCIATED WITH THE PROPOSED PROJECT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS
Alternate 1: Longhollow Freeway Alternative

		(Dollar Totals, in Millions)
DIRECT EFFECT:		
Total Project Budget		\$579.8
Payroll Expenditures		\$116.0
- Local Net Take Home Wages After Taxes,		
- Benefits and Savings		\$55.6
Material Purchases		\$463.8
- Local Material Purchases		\$154.6
Total Employment (Person-Years)	2,456	
- Local Employment Capture (Person-Years)	2,210	
TOTAL LOCAL MULTIPLIER EFFECT:		
- Direct Labor Spending (Output) Multiplier Impacts		\$48.0
- Material Purchase Sales Multiplier Impacts		\$235.8
Total Sales Output Multiplier Impacts		\$283.8
- Direct Employment	2,210	
- Material Labor Employment Multiplier Impacts	905	
- Material Purchases Employment Multiplier Impacts	3,771	
Total Employment Multiplier Impacts	6,886	
- Direct Labor Income		\$55.6
- Direct Labor Income Multiplier Impacts		\$11.0
- Material Purchases Employment Multiplier Impacts		\$56.6
Total Income Impacts		\$123.3

Notes: The economic assessments are based on following assumptions:

1. Total construction budget does not include land acquisition costs, and total labor cost share is 20%.
2. Total construction period is 15 years (180 months) for each alternative.
3. 40-hour work week and 48 weeks of annual employment.
4. Total annual package per worker (wages plus benefits) is \$47,221.
5. 90% of the required construction employment is to be hired locally.

Source: Louis Berger Group, Inc., 2001.



TABLE M-2
CONSTRUCTION EMPLOYMENT, OUTPUT AND INCOME GENERATION
ASSOCIATED WITH THE PROPOSED PROJECT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS
Alternate 2: Longhollow Freeway With Stockton Alternative

		(Dollar Totals, in Millions)
DIRECT EFFECT:		
Total Project Budget		\$577.4
Payroll Expenditures		\$115.5
- Local Net Take Home Wages After Taxes,		
- Benefits and Savings		\$55.4
Material Purchases		\$461.9
- Local Material Purchases		\$154.0
Total Employment (Person-Years)	2,445	
- Local Employment Capture (Person-Years)	2,201	
TOTAL LOCAL MULTIPLIER EFFECT:		
- Direct Labor Spending (Output) Multiplier Impacts		\$47.8
- Material Purchase Sales Multiplier Impacts		\$234.8
Total Sales Output Multiplier Impacts		\$282.6
- Direct Employment	2,201	
- Material Labor Employment Multiplier Impacts	901	
- Material Purchases Employment Multiplier Impacts	3,755	
Total Employment Multiplier Impacts	6,857	
- Direct Labor Income		\$55.4
- Direct Labor Income Multiplier Impacts		\$11.0
- Material Purchases Employment Multiplier Impacts		\$56.4
Total Income Impacts		\$122.8

Notes: The economic assessments are based on following assumptions:

1. Total construction budget does not include land acquisition costs, and total labor cost share is 20%.
2. Total construction period is 15 years (180 months) for each alternative.
3. 40-hour work week and 48 weeks of annual employment.
4. Total annual package per worker (wages plus benefits) is \$47,221.
5. 90% of the required construction employment is to be hired locally.

Source: Louis Berger Group, Inc., 2001.



TABLE M-3
CONSTRUCTION EMPLOYMENT, OUTPUT AND INCOME GENERATION
ASSOCIATED WITH THE PROPOSED PROJECT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS
Alternate 3: Irish Hollow Freeway Alternative

		(Dollar Totals, in Millions)
DIRECT EFFECT:		
Total Project Budget		\$620.6
Payroll Expenditures		\$124.1
- Local Net Take Home Wages After Taxes,		
- Benefits and Savings		\$59.6
Material Purchases		\$496.5
- Local Material Purchases		\$165.5
Total Employment (Person-Years)	2,629	
- Local Employment Capture (Person-Years)	2,366	
TOTAL LOCAL MULTIPLIER EFFECT:		
- Direct Labor Spending (Output) Multiplier Impacts		\$51.4
- Material Purchase Sales Multiplier Impacts		\$252.4
Total Sales Output Multiplier Impacts		\$303.7
- Direct Employment	2,366	
- Material Labor Employment Multiplier Impacts	968	
- Material Purchases Employment Multiplier Impacts	4,037	
Total Employment Multiplier Impacts	7,371	
- Direct Labor Income		\$59.6
- Direct Labor Income Multiplier Impacts		\$11.8
- Material Purchases Employment Multiplier Impacts		\$60.6
Total Income Impacts		\$132.0

Notes: The economic assessments are based on following assumptions:

1. Total construction budget does not include land acquisition costs, and total labor cost share is 20%.
2. Total construction period is 15 years (180 months) for each alternative.
3. 40-hour work week and 48 weeks of annual employment.
4. Total annual package per worker (wages plus benefits) is \$47,221.
5. 90% of the required construction employment is to be hired locally.

Source: Louis Berger Group, Inc., 2001.



TABLE M-4
CONSTRUCTION EMPLOYMENT, OUTPUT AND INCOME GENERATION
ASSOCIATED WITH THE PROPOSED PROJECT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS
Alternate 4: Irish Hollow Freeway With Stockton Alternative

		(Dollar Totals, in Millions)
DIRECT EFFECT:		
Total Project Budget		\$618.2
Payroll Expenditures		\$123.6
- Local Net Take Home Wages After Taxes,		
- Benefits and Savings		\$59.3
Material Purchases		\$494.6
- Local Material Purchases		\$164.9
Total Employment (Person-Years)	2,618	
- Local Employment Capture (Person-Years)	2,357	
TOTAL LOCAL MULTIPLIER EFFECT:		
- Direct Labor Spending (Output) Multiplier Impacts		\$51.2
- Material Purchase Sales Multiplier Impacts		\$251.4
Total Sales Output Multiplier Impacts		\$302.5
- Direct Employment	2,357	
- Material Labor Employment Multiplier Impacts	964	
- Material Purchases Employment Multiplier Impacts	4,021	
Total Employment Multiplier Impacts	7,342	
- Direct Labor Income		\$59.3
- Direct Labor Income Multiplier Impacts		\$11.7
- Material Purchases Employment Multiplier Impacts		\$60.4
Total Income Impacts		\$131.5

Notes: The economic assessments are based on following assumptions:

1. Total construction budget does not include land acquisition costs, and total labor cost share is 20%.
2. Total construction period is 15 years (180 months) for each alternative.
3. 40-hour work week and 48 weeks of annual employment.
4. Total annual package per worker (wages plus benefits) is \$47,221.
5. 90% of the required construction employment is to be hired locally.

Source: Louis Berger Group, Inc., 2001.



TABLE M-5
CONSTRUCTION EMPLOYMENT, OUTPUT AND INCOME GENERATION
ASSOCIATED WITH THE PROPOSED PROJECT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS
Alternate 5: Irish Hollow Freeway With Tunnel Alternative

		(Dollar Totals, in Millions)
DIRECT EFFECT:		
Total Project Budget		\$632.7
Payroll Expenditures		\$126.5
- Local Net Take Home Wages After Taxes,		
- Benefits and Savings		\$60.7
Material Purchases		\$506.1
- Local Material Purchases		\$168.7
Total Employment (Person-Years)	2,680	
- Local Employment Capture (Person-Years)	2,412	
TOTAL LOCAL MULTIPLIER EFFECT:		
- Direct Labor Spending (Output) Multiplier Impacts		\$52.4
- Material Purchase Sales Multiplier Impacts		\$257.3
Total Sales Output Multiplier Impacts		\$309.6
- Direct Employment	2,412	
- Material Labor Employment Multiplier Impacts	987	
- Material Purchases Employment Multiplier Impacts	4,115	
Total Employment Multiplier Impacts	7,514	
- Direct Labor Income		\$60.7
- Direct Labor Income Multiplier Impacts		\$12.0
- Material Purchases Employment Multiplier Impacts		\$61.8
Total Income Impacts		\$134.5

Notes: The economic assessments are based on following assumptions:

1. Total construction budget does not include land acquisition costs, and total labor cost share is 20%.
2. Total construction period is 15 years (180 months) for each alternative.
3. 40-hour work week and 48 weeks of annual employment.
4. Total annual package per worker (wages plus benefits) is \$47,221.
5. 90% of the required construction employment is to be hired locally.

Source: Louis Berger Group, Inc., 2001.



TABLE M-6
CONSTRUCTION EMPLOYMENT, OUTPUT AND INCOME GENERATION
ASSOCIATED WITH THE PROPOSED PROJECT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS
Alternate 6: Irish Hollow Freeway With Tunnel With Stockton Alternative

		(Dollar Totals, in Millions)
DIRECT EFFECT:		
Total Project Budget		\$630.2
Payroll Expenditures		\$126.0
- Local Net Take Home Wages After Taxes,		
- Benefits and Savings		\$60.5
Material Purchases		\$504.2
- Local Material Purchases		\$168.1
Total Employment (Person-Years)	2,669	
- Local Employment Capture (Person-Years)	2,402	
TOTAL LOCAL MULTIPLIER EFFECT:		
- Direct Labor Spending (Output) Multiplier Impacts		\$52.2
- Material Purchase Sales Multiplier Impacts		\$256.3
Total Sales Output Multiplier Impacts		\$308.4
- Direct Employment	2,402	
- Material Labor Employment Multiplier Impacts	983	
- Material Purchases Employment Multiplier Impacts	4,099	
Total Employment Multiplier Impacts	7,485	
- Direct Labor Income		\$60.5
- Direct Labor Income Multiplier Impacts		\$12.0
- Material Purchases Employment Multiplier Impacts		\$61.6
Total Income Impacts		\$134.0

Notes: The economic assessments are based on following assumptions:

1. Total construction budget does not include land acquisition costs, and total labor cost share is 20%.
2. Total construction period is 15 years (180 months) for each alternative.
3. 40-hour work week and 48 weeks of annual employment.
4. Total annual package per worker (wages plus benefits) is \$47,221.
5. 90% of the required construction employment is to be hired locally.

Source: Louis Berger Group, Inc., 2001.



TABLE M-7
CONSTRUCTION EMPLOYMENT, OUTPUT AND INCOME GENERATION
ASSOCIATED WITH THE PROPOSED PROJECT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS
Alternate 7: Upper Irish Hollow Freeway Alternative

		(Dollar Totals, in Millions)
DIRECT EFFECT:		
Total Project Budget		\$611.0
Payroll Expenditures		\$122.2
- Local Net Take Home Wages After Taxes,		
- Benefits and Savings		\$58.6
Material Purchases		\$488.8
- Local Material Purchases		\$163.0
Total Employment (Person-Years)	2,588	
- Local Employment Capture (Person-Years)	2,329	
TOTAL LOCAL MULTIPLIER EFFECT:		
- Direct Labor Spending (Output) Multiplier Impacts		\$50.6
- Material Purchase Sales Multiplier Impacts		\$248.5
Total Sales Output Multiplier Impacts		\$299.0
- Direct Employment	2,329	
- Material Labor Employment Multiplier Impacts	953	
- Material Purchases Employment Multiplier Impacts	3,974	
Total Employment Multiplier Impacts	7,256	
- Direct Labor Income		\$58.6
- Direct Labor Income Multiplier Impacts		\$11.6
- Material Purchases Employment Multiplier Impacts		\$59.7
Total Income Impacts		\$129.9

Notes: The economic assessments are based on following assumptions:

1. Total construction budget does not include land acquisition costs, and total labor cost share is 20%.
2. Total construction period is 15 years (180 months) for each alternative.
3. 40-hour work week and 48 weeks of annual employment.
4. Total annual package per worker (wages plus benefits) is \$47,221.
5. 90% of the required construction employment is to be hired locally.

Source: Louis Berger Group, Inc., 2001.



TABLE M-8
CONSTRUCTION EMPLOYMENT, OUTPUT AND INCOME GENERATION
ASSOCIATED WITH THE PROPOSED PROJECT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS
Alternate 8: Upper Irish Hollow Freeway With Tunnel Alternative

		(Dollar Totals, in Millions)
DIRECT EFFECT:		
Total Project Budget		\$623.0
Payroll Expenditures		\$124.6
- Local Net Take Home Wages After Taxes,		
- Benefits and Savings		\$59.8
Material Purchases		\$498.4
- Local Material Purchases		\$166.2
Total Employment (Person-Years)	2,639	
- Local Employment Capture (Person-Years)	2,375	
TOTAL LOCAL MULTIPLIER EFFECT:		
- Direct Labor Spending (Output) Multiplier Impacts		\$51.6
- Material Purchase Sales Multiplier Impacts		\$253.4
Total Sales Output Multiplier Impacts		\$304.9
- Direct Employment	2,375	
- Material Labor Employment Multiplier Impacts	972	
- Material Purchases Employment Multiplier Impacts	4,052	
Total Employment Multiplier Impacts	7,399	
- Direct Labor Income		\$59.8
- Direct Labor Income Multiplier Impacts		\$11.8
- Material Purchases Employment Multiplier Impacts		\$60.9
Total Income Impacts		\$132.5

Notes: The economic assessments are based on following assumptions:

1. Total construction budget does not include land acquisition costs, and total labor cost share is 20%.
2. Total construction period is 15 years (180 months) for each alternative.
3. 40-hour work week and 48 weeks of annual employment.
4. Total annual package per worker (wages plus benefits) is \$47,221.
5. 90% of the required construction employment is to be hired locally.

Source: Louis Berger Group, Inc., 2001.



TABLE M-9
CONSTRUCTION EMPLOYMENT, OUTPUT AND INCOME GENERATION
ASSOCIATED WITH THE PROPOSED PROJECT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS
Alternate 9: Upper Irish Hollow Freeway With Stockton Alternative

		(Dollar Totals, in Millions)
DIRECT EFFECT:		
Total Project Budget		\$608.6
Payroll Expenditures		\$121.7
- Local Net Take Home Wages After Taxes,		
- Benefits and Savings		\$58.4
Material Purchases		\$486.9
- Local Material Purchases		\$162.3
Total Employment (Person-Years)	2,578	
- Local Employment Capture (Person-Years)	2,320	
TOTAL LOCAL MULTIPLIER EFFECT:		
- Direct Labor Spending (Output) Multiplier Impacts		\$50.4
- Material Purchase Sales Multiplier Impacts		\$247.5
Total Sales Output Multiplier Impacts		\$297.8
- Direct Employment	2,320	
- Material Labor Employment Multiplier Impacts	949	
- Material Purchases Employment Multiplier Impacts	3,958	
Total Employment Multiplier Impacts	7,227	
- Direct Labor Income		\$58.4
- Direct Labor Income Multiplier Impacts		\$11.6
- Material Purchases Employment Multiplier Impacts		\$59.4
Total Income Impacts		\$129.4

Notes: The economic assessments are based on following assumptions:

1. Total construction budget does not include land acquisition costs, and total labor cost share is 20%.
2. Total construction period is 15 years (180 months) for each alternative.
3. 40-hour work week and 48 weeks of annual employment.
4. Total annual package per worker (wages plus benefits) is \$47,221.
5. 90% of the required construction employment is to be hired locally.

Source: Louis Berger Group, Inc., 2001.



TABLE M-10
CONSTRUCTION EMPLOYMENT, OUTPUT AND INCOME GENERATION
ASSOCIATED WITH THE PROPOSED PROJECT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS
Alternate 10: Upper Irish Hollow Freeway With Tunnel With Stockton Alternative

		(Dollar Totals, in Millions)
DIRECT EFFECT:		
Total Project Budget		\$620.6
Payroll Expenditures		\$124.1
- Local Net Take Home Wages After Taxes,		
- Benefits and Savings		\$59.6
Material Purchases		\$496.5
- Local Material Purchases		\$165.5
Total Employment (Person-Years)	2,629	
- Local Employment Capture (Person-Years)	2,366	
TOTAL LOCAL MULTIPLIER EFFECT:		
- Direct Labor Spending (Output) Multiplier Impacts		\$51.4
- Material Purchase Sales Multiplier Impacts		\$252.4
Total Sales Output Multiplier Impacts		\$303.7
- Direct Employment	2,366	
- Material Labor Employment Multiplier Impacts	968	
- Material Purchases Employment Multiplier Impacts	4,036	
Total Employment Multiplier Impacts	7,370	
- Direct Labor Income		\$59.6
- Direct Labor Income Multiplier Impacts		\$11.8
- Material Purchases Employment Multiplier Impacts		\$60.6
Total Income Impacts		\$132.0

Notes: The economic assessments are based on following assumptions:

1. Total construction budget does not include land acquisition costs, and total labor cost share is 20%.
2. Total construction period is 15 years (180 months) for each alternative.
3. 40-hour work week and 48 weeks of annual employment.
4. Total annual package per worker (wages plus benefits) is \$47,221.
5. 90% of the required construction employment is to be hired locally.

Source: Louis Berger Group, Inc., 2001.



TABLE M-11
CONSTRUCTION EMPLOYMENT, OUTPUT AND INCOME GENERATION
ASSOCIATED WITH THE PROPOSED PROJECT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS
Alternate 11: Expressway Eleroy Alternative

		(Dollar Totals, in Millions)
DIRECT EFFECT:		
Total Project Budget		\$451.5
Payroll Expenditures		\$90.3
- Local Net Take Home Wages After Taxes,		
- Benefits and Savings		\$43.3
Material Purchases		\$361.2
- Local Material Purchases		\$120.4
Total Employment (Person-Years)	1,912	
- Local Employment Capture (Person-Years)	1,721	
TOTAL LOCAL MULTIPLIER EFFECT:		
- Direct Labor Spending (Output) Multiplier Impacts		\$37.4
- Material Purchase Sales Multiplier Impacts		\$183.6
Total Sales Output Multiplier Impacts		\$221.0
- Direct Employment	1,721	
- Material Labor Employment Multiplier Impacts	704	
- Material Purchases Employment Multiplier Impacts	2,937	
Total Employment Multiplier Impacts	5,362	
- Direct Labor Income		\$43.3
- Direct Labor Income Multiplier Impacts		\$8.6
- Material Purchases Employment Multiplier Impacts		\$44.1
Total Income Impacts		\$96.0

Notes: The economic assessments are based on following assumptions:

1. Total construction budget does not include land acquisition costs, and total labor cost share is 20%.
2. Total construction period is 15 years (180 months) for each alternative.
3. 40-hour work week and 48 weeks of annual employment.
4. Total annual package per worker (wages plus benefits) is \$47,221.
5. 90% of the required construction employment is to be hired locally.

Source: Louis Berger Group, Inc., 2001.



TABLE M-12
CONSTRUCTION EMPLOYMENT, OUTPUT AND INCOME GENERATION
ASSOCIATED WITH THE PROPOSED PROJECT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS
Alternate 12: Expressway Lena Alternative

		(Dollar Totals, in Millions)
DIRECT EFFECT:		
Total Project Budget		\$475.1
Payroll Expenditures		\$95.0
- Local Net Take Home Wages After Taxes,		
- Benefits and Savings		\$45.6
Material Purchases		\$380.1
- Local Material Purchases		\$126.7
Total Employment (Person-Years)	2,012	
- Local Employment Capture (Person-Years)	1,811	
TOTAL LOCAL MULTIPLIER EFFECT:		
- Direct Labor Spending (Output) Multiplier Impacts		\$39.3
- Material Purchase Sales Multiplier Impacts		\$193.2
Total Sales Output Multiplier Impacts		\$232.5
- Direct Employment	1,811	
- Material Labor Employment Multiplier Impacts	741	
- Material Purchases Employment Multiplier Impacts	3,090	
Total Employment Multiplier Impacts	5,643	
- Direct Labor Income		\$45.6
- Direct Labor Income Multiplier Impacts		\$9.0
- Material Purchases Employment Multiplier Impacts		\$46.4
Total Income Impacts		\$101.0

Notes: The economic assessments are based on following assumptions:

1. Total construction budget does not include land acquisition costs, and total labor cost share is 20%.
2. Total construction period is 15 years (180 months) for each alternative.
3. 40-hour work week and 48 weeks of annual employment.
4. Total annual package per worker (wages plus benefits) is \$47,221.
5. 90% of the required construction employment is to be hired locally.

Source: Louis Berger Group, Inc., 2001.



TABLE M-13
TAX REVENUE LOSS IN 1997 DOLLARS BY ALTERNATE

Alternates	Sub-Total, Jo Daviess County	Sub-Total, Stephenson County	Total, Two-County Area
1: Longhollow Freeway w/North Simmons Mound	\$39,652	\$17,655	\$57,308
2: Longhollow Freeway w/South Simmons Mound	\$41,444	\$20,862	\$62,306
3, 7: Irish Hollow/Upper Irish Hollow Freeway w/North Simmons Mound	\$50,723	\$18,898	\$69,621
4, 9: Irish Hollow/Upper Irish Hollow Freeway w/South Simmons Mound	\$47,432	\$18,904	\$66,336
5, 8: Irish Hollow/Upper Irish Hollow Tunnel Freeway w/North Simmons Mound	\$48,289	\$19,175	\$67,464
6, 10: Irish Hollow/Upper Irish Hollow Tunnel Freeway w/South Simmons Mound	\$45,429	\$19,179	\$64,608
11: Expressway South Eleroy	\$58,646	\$48,485	\$107,131
12: Expressway North Eleroy	\$58,537	\$45,766	\$104,303

Source: The Louis Berger Group, Inc., 2001.



TABLE M-14
TAX REVENUE LOSS ANALYSIS
ALT. 1: LONGHOLLOW FREEWAY
U.S. ROUTE 20 STUDY, GALENA TO FREEPORT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS

Taxing Unit	Additional R.O.W. in Acres ¹	E.A.V. of Land ²	Market Value of Structures ³	Tax Rates for 1997 ⁴	Revenue Loss in 1997 Dollars ⁵	1997 Total Assessed Taxes ⁶	Percent Tax Loss ⁷
Jo Daviess County	2,057.9	196,122	1,495,000	0.7215	5,007	2,824,051	0.2%
East Galena Township	326.8	31,145	160,000	0.4221	356	163,482	0.2%
Elizabeth Township	389.3	37,103	100,000	1.049	739	144,139	0.5%
City of Galena	15.5	1,474	0	1.8776	28	775,281	0.0%
Stockton Township	344.8	32,863	315,000	0.8109	1,117	184,874	0.6%
Nora Township	3.0	285	0	1.1521	3	72,590	0.0%
Rush Township	40.0	3,813	0	1.3497	51	82,483	0.1%
Rawlins Township	305.6	29,121	445,000	0.6451	1,144	53,522	2.1%
Rice Township	78.8	7,514	25,000	0.8641	137	66,949	0.2%
Wards Grove Township	147.5	14,052	0	1.0483	147	38,513	0.4%
West Galena Township	6.0	569	0	0.4871	3	186,605	0.0%
Woodbine Township	366.3	34,907	225,000	1.6448	1,807	131,438	1.4%
Elizabeth Community Fire Protection District	734.7	70,017	325,000	0.2031	362	99,400	0.4%
Galena-Rice Rural Fire Protection District	652.5	62,188	630,000	0.054	147	13,821	1.1%
Scales Mound Fire Protection District	54.7	5,216	0	0.2643	14	342,483	0.0%
Stockton Fire Protection District	557.5	53,126	315,000	0.3463	547	131,354	0.4%
Galena-Stauss Hospital District	332.8	31,714	630,000	0.075	181	57,780	0.3%
Stockton Township Park District	433.9	41,354	315,000	0.7959	1,164	181,454	0.6%
Junior College District 519 (Co. 43)	2,057.9	196,122	1,120,000	0.3965	2,256	1,521,002	0.1%
Galena Public Library District	332.8	31,714	160,000	0.2007	171	154,619	0.1%
Unit School District 120	723.0	68,899	630,000	3.9386	10,976	3,800,352	0.3%
Unit School District 206	736.7	70,211	540,000	3.797	9,494	1,903,890	0.5%
Unit School District 210	555.6	52,945	100,000	4.4078	3,802	4,136,340	0.1%
Sub-total, Jo Daviess County					39,652		
Stephenson County	711.7	111,652	300,000	0.9345	1,977	4,261,027	0.0%
Erin Township	170.3	26,716	225,000	1.5399	1,565	82,209	1.9%
Harlem Township	214.0	33,579	75,000	0.6599	386	167,298	0.2%
Kent Township	316.2	49,616	0	1.1365	564	117,497	0.5%
West Point Township	9.9	1,557	0	0.7047	11	245,067	0.0%
Village of Lena	3.2	502	0	0.8626	4	222,506	0.0%
Cedarville Fire Protection District	20.3	3,180	0	0.2923	9	95,495	0.0%
Freeport Fire Protection District	7.9	1,239	0	0.3735	5	163,234	0.0%
Lena Fire Protection District	509.9	79,998	300,000	0.2248	404	111,673	0.4%
Junior College District 519 (Co. 89)	711.7	111,652	300,000	0.3998	846	1,798,637	0.0%
Lena Library District	530.9	83,295	300,000	0.1969	361	114,425	0.3%
Lena Community Park District	509.9	79,998	300,000	0.7445	1,339	369,807	0.4%
Unit School District 145	180.7	28,357	0	5.5023	1,560	15,121,995	0.0%
Unit School District 202	530.8	83,279	300,000	4.7072	8,623	2,669,057	0.3%
Sub-total, Stephenson County					17,655		
Total, Two-County Area					57,307		

Notes:

¹Net right of way required for construction.²Equalized Assessed Valuation (E.A.V.) = Additional R.O.W. multiplied by \$95/acre for Jo Daviess or \$157/acre for Stephenson County.³Structures within R.O.W. to be acquired: \$55,000 per residence, \$100,000 per commercial building, and \$25,000 per farm building. (Note: These values reflect the averages used by the Tax Assessor's office and in no way predict the actual purchase price to be offered to individual owners of properties and/or structures. The fair market value of any portion of a land owner's property needed for the proposed project will be determined by qualified real estate appraisers.)⁴Dollars per \$100 of assessed valuation (Source: Illinois Department of Revenue).⁵E.A.V. of land + 0.333 x (Market value of structures) x (Tax rates for 1997).

100

⁶Total assessed property tax for 1997 (Source: Illinois Department of Revenue).⁷Percent of revenue lost from highway construction.

TABLE M-15
TAX REVENUE LOSS ANALYSIS
ALT. 2: LONGHOLLOW FREEWAY WITH STOCKTON ALT.
U.S. ROUTE 20 STUDY, GALENA TO FREEPORT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS

Taxing Unit	Additional R.O.W. in Acres ¹	E.A.V. of Land ²	Market Value of Structures ³	Tax Rates for 1997 ⁴	Revenue Loss in 1997 Dollars ⁵	1997 Total Assessed Taxes ⁶	Percent Tax Loss ⁷
Jo Daviess County	2073.1414	197,570	1,665,000	0.7215	5,426	2,824,051	0.2%
East Galena Township	326.89998	31,154	105,000	0.4221	279	163,482	0.2%
Elizabeth Township	389.44108	37,114	100,000	1.049	739	144,139	0.5%
City of Galena	15.475187	1,475	0	1.8776	28	775,281	0.0%
Stockton Township	385.70569	36,758	365,000	0.8109	1,284	184,874	0.7%
Village of Stockton	1.9210577	183	0	1.0503	2	137,980	0.0%
Nora Township	3.2017628	305	0	1.1521	4	72,590	0.0%
Rush Township	34.045411	3,245	0	1.3497	44	82,483	0.1%
Rawlins Township	305.66162	29,130	445,000	0.6451	1,144	53,522	2.1%
Rice Township	78.87009	7,516	25,000	0.8641	137	66,949	0.2%
Wards Grove Township	127.96379	12,195	0	1.0483	128	38,513	0.3%
West Galena Township	5.9766239	570	0	0.4871	3	186,605	0.0%
Woodbine Township	366.38839	34,917	0	1.6448	574	131,438	0.4%
Elizabeth Community Fire Protection District	734.91129	70,037	435,000	0.2031	436	99,400	0.4%
Galena-Rice Rural Fire Protection District	652.73271	62,205	630,000	0.054	147	13,821	1.1%
Scales Mound Fire Protection District	54.750144	5,218	0	0.2643	14	342,483	0.0%
Stockton Fire Protection District	572.26174	54,537	365,000	0.3463	610	131,354	0.5%
Galena-Stauss Hospital District	332.8766	31,723	630,000	0.075	181	57,780	0.3%
Stockton Township Park District	385.70569	36,758	315,000	0.7959	1,127	181,454	0.6%
Junior College District 519 (Co. 43)	2073.1414	197,570	1,390,000	0.3965	2,619	1,521,002	0.2%
Galena Public Library District	332.8766	31,723	160,000	0.2007	171	154,619	0.1%
Unit School District 120	723.17149	68,918	630,000	3.9386	10,977	3,800,352	0.3%
Unit School District 206	751.56045	71,624	700,000	3.797	11,570	1,903,890	0.6%
Unit School District 210	555.71929	52,960	100,000	4.4078	3,802	4,136,340	0.1%
Sub-total, Jo Daviess County					41,444		
Stephenson County	711.85859	111,683	410,000	0.9345	2,320	4,261,027	0.1%
Erin Township	170.33378	26,724	335,000	1.5399	2,129	82,209	2.6%
Harlem Township	214.09121	33,589	75,000	0.6599	386	167,298	0.2%
Kent Township	316.33416	49,630	0	1.1365	564	117,497	0.5%
West Point Township	9.9254646	1,557	0	0.7047	11	245,067	0.0%
Village of Lena	3.2017628	502	0	0.8626	4	222,506	0.0%
Cedarville Fire Protection District	20.277831	3,181	0	0.2923	9	95,495	0.0%
Freeport Fire Protection District	7.8976815	1,239	0	0.3735	5	163,234	0.0%
Lena Fire Protection District	510.04081	80,020	410,000	0.2248	487	111,673	0.4%
Junior College District 519 (Co. 89)	711.85859	111,683	410,000	0.3998	992	1,798,637	0.1%
Lena Library District	531.06572	83,319	410,000	0.1969	433	114,425	0.4%
Lena Community Park District	510.04081	80,020	410,000	0.7445	1,612	369,807	0.4%
Unit School District 145	180.79287	28,365	0	5.5023	1,561	15,121,995	0.0%
Unit School District 202	530.959	83,302	410,000	4.7072	10,348	2,669,057	0.4%
Sub-total, Stephenson County					20,862		
Total, Two-County Area					62,306		

Notes:

¹Net right of way required for construction.²Equalized Assessed Valuation (E.A.V.) = Additional R.O.W. multiplied by \$95/acre for Jo Daviess or \$157/acre for Stephenson County.³Structures within R.O.W. to be acquired: \$55,000 per residence, \$100,000 per commercial building, and \$25,000 per farm building. (Note: These values reflect the averages used by the Tax Assessor's office and in no way predict the actual purchase price to be offered to individual owners of properties and/or structures. The fair market value of any portion of a land owner's property needed for the proposed project will be determined by qualified real estate appraisers.)⁴Dollars per \$100 of assessed valuation (Source: Illinois Department of Revenue).⁵E.A.V. of land + 0.333 x (Market value of structures) x (Tax rates for 1997).
100⁶Total assessed property tax for 1997 (Source: Illinois Department of Revenue).⁷Percent of revenue lost from highway construction.

TABLE M-16
TAX REVENUE LOSS ANALYSIS
ALT. 3, 7: IRISH HOLLOW FREEWAY
U.S. ROUTE 20 STUDY, GALENA TO FREEPORT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS

Taxing Unit	Additional R.O.W. in Acres ¹	E.A.V. of Land ²	Market Value of Structures ³	Tax Rates for 1997 ⁴	Revenue Loss in 1997 Dollars ⁵	1997 Total Assessed Taxes ⁶	Percent Tax Loss ⁷
Jo Daviess County	2,258.2	215,202	1,750,000	0.7215	5,757	2,824,051	0.2%
East Galena Township	302.3	28,810	105,000	0.4221	269	163,482	0.2%
Elizabeth Township	602.7	57,440	210,000	1.049	1,336	144,139	0.9%
Village of Elizabeth	12.9	1,232	0	0.512	6	28,544	0.0%
City of Galena	14.3	1,364	0	1.8776	26	775,281	0.0%
Stockton Township	319.0	30,399	425,000	0.8109	1,394	184,874	0.8%
Nora Township	2.8	263	0	1.1521	3	72,590	0.0%
Rush Township	37.0	3,527	0	1.3497	48	82,483	0.1%
Rawlins Township	282.7	26,938	500,000	0.6451	1,248	53,522	2.3%
Rice Township	112.6	10,732	25,000	0.8641	165	66,949	0.2%
Wards Grove Township	136.4	12,999	0	1.0483	136	38,513	0.4%
West Galena Township	5.5	527	0	0.4871	3	186,605	0.0%
Woodbine Township	450.7	42,956	460,000	1.6448	3,226	131,438	2.5%
Elizabeth Community Fire Protection District	1,033.9	98,534	670,000	0.2031	653	99,400	0.7%
Galena-Rice Rural Fire Protection District	643.3	61,306	630,000	0.054	146	13,821	1.1%
Scales Mound Fire Protection District	50.6	4,825	0	0.2643	13	342,483	0.0%
Stockton Fire Protection District	515.7	49,143	425,000	0.3463	660	131,354	0.5%
Galena-Stauss Hospital District	307.8	29,336	630,000	0.075	179	57,780	0.3%
Stockton Township Park District	401.4	38,253	425,000	0.7959	1,431	181,454	0.8%
Junior College District 519 (Co. 43)	2,258.2	215,202	1,095,000	0.3965	2,299	1,521,002	0.2%
Galena Public Library District	307.8	29,336	160,000	0.2007	166	154,619	0.1%
Unit School District 120	708.4	67,514	630,000	3.9386	10,922	3,800,352	0.3%
Unit School District 206	685.9	65,369	760,000	3.797	12,092	1,903,890	0.6%
Unit School District 210	863.6	82,300	335,000	4.4078	8,545	4,136,340	0.2%
Sub-total, Jo Daviess County					50,723		
Stephenson County	658.3	103,280	0	0.9345	965	4,261,027	0.0%
Erin Township	157.5	24,713	335,000	1.5399	2,098	82,209	2.6%
Harlem Township	198.0	31,062	75,000	0.6599	370	167,298	0.2%
Kent Township	292.5	45,896	0	1.1365	522	117,497	0.4%
West Point Township	9.2	1,440	0	0.7047	10	245,067	0.0%
Village of Lena	3.0	465	0	0.8626	4	222,506	0.0%
Cedarville Fire Protection District	18.8	2,942	0	0.2923	9	95,495	0.0%
Freeport Fire Protection District	7.3	1,146	0	0.3735	4	163,234	0.0%
Lena Fire Protection District	471.7	74,000	410,000	0.2248	473	111,673	0.4%
Junior College District 519 (Co. 89)	658.3	103,280	410,000	0.3998	959	1,798,637	0.1%
Lena Library District	491.1	77,050	410,000	0.1969	421	114,425	0.4%
Lena Community Park District	471.7	74,000	410,000	0.7445	1,567	369,807	0.4%
Unit School District 145	167.2	26,230	0	5.5023	1,443	15,121,995	0.0%
Unit School District 202	491.0	77,035	410,000	4.7072	10,053	2,669,057	0.4%
Sub-total, Stephenson County					18,898		
Total, Two-County Area					69,621		

Notes:

¹Net right of way required for construction.²Equalized Assessed Valuation (E.A.V.) = Additional R.O.W. multiplied by \$95/acre for Jo Daviess or \$157/acre for Stephenson County.³Structures within R.O.W. to be acquired: \$55,000 per residence, \$100,000 per commercial building, and \$25,000 per farm building. (Note: These values reflect the averages used by the Tax Assessor's office and in no way predict the actual purchase price to be offered to individual owners of properties and/or structures. The fair market value of any portion of a land owner's property needed for the proposed project will be determined by qualified real estate appraisers.)⁴Dollars per \$100 of assessed valuation (Source: Illinois Department of Revenue).⁵
$$\text{E.A.V. of land} + 0.333 \times (\text{Market value of structures}) \times (\text{Tax rates for 1997}).$$
⁶Total assessed property tax for 1997 (Source: Illinois Department of Revenue).⁷Percent of revenue lost from highway construction.

TABLE M-17
TAX REVENUE LOSS ANALYSIS
ALT. 4, 9: IRISH HOLLOW FREEWAY WITH STOCKTON ALT.
U.S. ROUTE 20 STUDY, GALENA TO FREEPORT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS

Taxing Unit	Additional R.O.W. in Acres¹	E.A.V. of Land²	Market Value of Structures³	Tax Rates for 1997⁴	Revenue Loss in 1997 Dollars⁵	1997 Total Assessed Taxes⁶	Percent Tax Loss⁷
Jo Daviess County	2,273.1	216,629	1,690,000	0.7215	5,623	2,824,051	0.2%
East Galena Township	302.5	28,828	105,000	0.4221	269	163,482	0.2%
Elizabeth Township	603.1	57,477	210,000	1.049	1,337	144,139	0.9%
Village of Elizabeth	12.9	1,233	0	0.512	6	28,544	0.0%
City of Galena	14.3	1,365	0	1.8776	26	775,281	0.0%
Stockton Township	356.9	34,014	365,000	0.8109	1,261	184,874	0.7%
Village of Stockton	1.8	169	0	1.0503	2	137,980	0.0%
Nora Township	3.0	282	0	1.1521	3	72,590	0.0%
Rush Township	31.5	3,002	0	1.3497	41	82,483	0.0%
Rawlins Township	282.8	26,955	500,000	0.6451	1,248	53,522	2.3%
Rice Township	112.7	10,739	25,000	0.8641	165	66,949	0.2%
Wards Grove Township	118.4	11,285	0	1.0483	118	38,513	0.3%
West Galena Township	5.5	527	0	0.4871	3	186,605	0.0%
Woodbine Township	451.0	42,983	125,000	1.6448	1,392	131,438	1.1%
Elizabeth Community Fire Protection District	1,034.6	98,597	670,000	0.2031	653	99,400	0.7%
Galena-Rice Rural Fire Protection District	643.7	61,345	630,000	0.054	146	13,821	1.1%
Scales Mound Fire Protection District	50.7	4,828	0	0.2643	13	342,483	0.0%
Stockton Fire Protection District	529.5	50,466	365,000	0.3463	596	131,354	0.5%
Galena-Stauss Hospital District	308.0	29,355	630,000	0.075	179	57,780	0.3%
Stockton Township Park District	356.9	34,014	315,000	0.7959	1,106	181,454	0.6%
Junior College District 519 (Co. 43)	2,273.1	216,629	1,035,000	0.3965	2,225	1,521,002	0.1%
Galena Public Library District	308.0	29,355	160,000	0.2007	166	154,619	0.1%
Unit School District 120	708.9	67,557	630,000	3.9386	10,924	3,800,352	0.3%
Unit School District 206	699.9	66,701	700,000	3.797	11,383	1,903,890	0.6%
Unit School District 210	864.1	82,352	335,000	4.4078	8,547	4,136,340	0.2%
Sub-total, Jo Daviess County					47,432		
Stephenson County	658.7	103,347	0	0.9345	966	4,261,027	0.0%
Erin Township	157.6	24,729	335,000	1.5399	2,099	82,209	2.6%
Harlem Township	198.1	31,081	75,000	0.6599	370	167,298	0.2%
Kent Township	292.7	45,925	0	1.1365	522	117,497	0.4%
West Point Township	9.2	1,441	0	0.7047	10	245,067	0.0%
Village of Lena	3.0	465	0	0.8626	4	222,506	0.0%
Cedarville Fire Protection District	18.8	2,944	0	0.2923	9	95,495	0.0%
Freeport Fire Protection District	7.3	1,147	0	0.3735	4	163,234	0.0%
Lena Fire Protection District	472.0	74,047	410,000	0.2248	473	111,673	0.4%
Junior College District 519 (Co. 89)	658.7	103,347	410,000	0.3998	959	1,798,637	0.1%
Lena Library District	491.4	77,099	410,000	0.1969	421	114,425	0.4%
Lena Community Park District	472.0	74,047	410,000	0.7445	1,568	369,807	0.4%
Unit School District 145	167.3	26,247	0	5.5023	1,444	15,121,995	0.0%
Unit School District 202	491.3	77,084	410,000	4.7072	10,055	2,669,057	0.4%
Sub-total, Stephenson County					18,904		
Total, Two-County Area					66,335		

Notes:

¹Net right of way required for construction.²Equalized Assessed Valuation (E.A.V.) = Additional R.O.W. multiplied by \$95/acre for Jo Daviess or \$157/acre for Stephenson County.³Structures within R.O.W. to be acquired: \$55,000 per residence, \$100,000 per commercial building, and \$25,000 per farm building. (Note: These values reflect the averages used by the Tax Assessor's office and in no way predict the actual purchase price to be offered to individual owners of properties and/or structures. The fair market value of any portion of a land owner's property needed for the proposed project will be determined by qualified real estate appraisers.)⁴Dollars per \$100 of assessed valuation (Source: Illinois Department of Revenue).⁵
$$\text{E.A.V. of land} + 0.333 \times (\text{Market value of structures}) \times (\text{Tax rates for 1997}).$$
⁶Total assessed property tax for 1997 (Source: Illinois Department of Revenue).⁷Percent of revenue lost from highway construction.

TABLE M-18
TAX REVENUE LOSS ANALYSIS
ALT. 5.8: IRISH HOLLOW FREEWAY WITH TUNNEL
U.S. ROUTE 20 STUDY, GALENA TO FREEPORT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS

Taxing Unit	Additional R.O.W. in Acres ¹	E.A.V. of Land ²	Market Value of Structures ³	Tax Rates for 1997 ⁴	Revenue Loss in 1997 Dollars ⁵	1997 Total Assessed Taxes ⁶	Percent Tax Loss ⁷
Jo Daviess County	2,192.0	208,896	1,645,000	0.7215	5,4549	2,824,051	0.2%
East Galena Township	312.2	29,753	105,000	0.4221	273	163,482	0.2%
Elizabeth Township	622.5	59,322	210,000	1.049	1,356	144,139	0.9%
Village of Elizabeth	13.4	1,273	0	0.512	7	28,544	0.0%
City of Galena	14.8	1,409	0	1.8776	26	775,281	0.0%
Stockton Township	329.4	31,395	425,000	0.8109	1,402	184,874	0.8%
Nora Township	2.9	272	0	1.1521	3	72,590	0.0%
Rush Township	38.2	3,643	00	1.3497	49	82,483	0.1%
Rawlins Township	291.9	27,820	445,000	0.6451	1,135	53,522	2.1%
Rice Township	116.3	11,083	25,000	0.8641	168	66,949	0.3%
Wards Grove Township	140.9	13,425	0	1.0483	141	38,513	0.4%
West Galena Township	5.7	544	0	0.4871	3	186,605	0.0%
Woodbine Township	325.4	31,007	355,000	1.6448	2,454	131,438	1.9%
Elizabeth Community Fire Protection District	927.7	88,406	565,000	0.2031	562	99,400	0.6%
Galena-Rice Rural Fire Protection District	664.4	63,315	575,000	0.054	138	13,821	1.0%
Scales Mound Fire Protection District	52.3	4,983	0	0.2643	13	342,483	0.0%
Stockton Fire Protection District	532.6	50,753	425,000	0.3463	666	131,354	0.5%
Galena-Stauss Hospital District	317.9	30,297	575,000	0.075	166	57,780	0.3%
Stockton Township Park District	414.5	39,506	425,000	0.7959	1,441	181,454	0.8%
Junior College District 519 (Co. 43)	2,192.0	208,896	990,000	0.3965	2,135	1,521,002	0.1%
Galena Public Library District	317.9	30,297	105,000	0.2007	131	154,619	0.1%
Unit School District 120	731.6	69,726	575,000	3.9386	10,288	3,800,352	0.3%
Unit School District 206	668.0	63,664	760,000	3.797	12,027	1,903,890	0.6%
Unit School District 210	792.4	75,515	335,000	4.4078	8,246	4,136,340	0.2%
Sub-total, Jo Daviess County					48,289		
Stephenson County	679.9	106,664	0	0.9345	997	4,261,027	0.0%
Erin Township	162.7	25,523	335,000	1.5399	2,111	82,209	2.6%
Harlem Township	204.5	32,079	75,000	0.6599	377	167,298	0.2%
Kent Township	302.1	47,399	0	1.1365	539	117,497	0.5%
West Point township	9.5	1,487	0	0.7047	10	245,067	0.0%
Village of Lena	3.1	480	0	0.8626	4	222,506	0.0%
Cedarville Fire Protection District	19.4	3,038	0	0.2923	9	95,495	0.0%
Freeport Fire Protection District	7.5	1,183	0	0.3735	4	163,234	0.0%
Lena Fire Protection District	487.1	76,424	410,000	0.2248	479	111,673	0.4%
Junior College District 519 (Co. 89)	679.9	106,664	410,000	0.3998	972	1,798,637	0.1%
Lena Library District	507.2	79,574	410,000	0.1969	426	114,425	0.4%
Lena Community Park District	487.1	76,424	410,000	0.7445	1,585	369,807	0.4%
Unit School District 145	172.7	27,090	0	5.5023	1,491	15,121,995	0.0%
Unit School District 202	507.1	79,558	410,000	4.7072	10,172	2,669,057	0.4%
Sub-total, Stephenson County					19,175		
Total, Two-County Area					67,464		

Notes:

¹Net right of way required for construction.²Equalized Assessed Valuation (E.A.V.) = Additional R.O.W. multiplied by \$95/acre for Jo Daviess or \$157/acre for Stephenson County.³Structures within R.O.W. to be acquired: \$55,000 per residence, \$100,000 per commercial building, and \$25,000 per farm building. (Note: These values reflect the averages used by the Tax Assessor's office and in no way predict the actual purchase price to be offered to individual owners of properties and/or structures. The fair market value of any portion of a land owner's property needed for the proposed project will be determined by qualified real estate appraisers.)⁴Dollars per \$100 of assessed valuation (Source: Illinois Department of Revenue).⁵E.A.V. of land + 0.333 x (Market value of structures) x (Tax rates for 1997).

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⁶Total assessed property tax for 1997 (Source: Illinois Department of Revenue). ⁷Percent of revenue lost from highway construction.

TABLE M-19
TAX REVENUE LOSS ANALYSIS
ALT. 6: IRISH HOLLOW FREEWAY WITH TUNNEL AND STOCKTON ALT.
U.S. ROUTE 20 STUDY, GALENA TO FREEPORT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS

Taxing Unit	Additional R.O.W. in Acres ¹	E.A.V. of Land ²	Market Value of Structures ³	Tax Rates for 1997 ⁴	Revenue Loss in 1997 Dollars ⁵	1997 Total Assessed Taxes ⁶	Percent Tax Loss ⁷
Jo Daviess County	2,207.0	210,331	1,585,000	0.7215	5,326	2,824,051	0.2%
East Galena Township	312.4	29,768	105,000	0.4221	273	163,482	0.2%
Elizabeth Township	622.8	59,352	210,000	1.049	1,356	144,139	0.9%
Village of Elizabeth	13.4	1,273	0	0.512	7	28,544	0.0%
City of Galena	14.8	1,409	0	1.8776	26	775,281	0.0%
Stockton Township	368.6	35,123	365,000	0.8109	1,270	184,874	0.7%
Nora Township	1.8	175	0	1.0503	2	137,980	0.0%
Village of Stockton	3.1	292	0	1.1521	3	72,590	0.0%
Rush Township	32.5	3,100	0	1.3497	42	82,483	0.1%
Rawlins Township	292.1	27,834	445,000	0.6451	1,136	53,522	2.1%
Rice Township	116.4	11,089	25,000	0.8641	168	66,949	0.3%
Wards Grove Township	122.3	11,653	0	1.0483	122	38,513	0.3%
West Galena Township	5.7	544	0	0.4871	3	186,605	0.0%
Woodbine Township	325.5	31,022	125,000	1.6448	1,195	131,438	0.9%
Elizabeth Community Fire Protection District	928.1	88,450	565,000	0.2031	562	99,400	0.6%
Galena-Rice Rural Fire Protection District	664.7	63,346	575,000	0.054	138	13,821	1.0%
Scales Mound Fire Protection District	52.3	4,986	0	0.2643	13	342,483	0.0%
Stockton Fire Protection District	546.8	52,111	365,000	0.3463	601	131,354	0.5%
Galena-Stauss Hospital District	318.1	30,313	0	0.075	23	57,780	0.0%
Stockton Township Park District	368.6	35,123	315,000	0.7959	1,114	181,454	0.6%
Junior College District 519 (Co. 43)	2,207.0	210,331	930,000	0.3965	2,062	1,521,002	0.1%
Galena Public Library District	318.1	30,313	105,000	0.2007	131	154,619	0.1%
Unit School District 120	732.0	69,761	575,000	3.9386	10,289	3,800,352	0.3%
Unit School District 206	682.3	65,028	700,000	3.797	11,320	1,903,890	0.6%
Unit School District 210	792.8	75,553	335,000	4.4078	8,247	4,136,340	0.2%
Sub-total, Jo Daviess County					45,429		
Stephenson County	680.2	106,717	0	0.9345	997	4,261,027	0.0%
Erin Township	162.8	25,535	335,000	1.5399	2,111	82,209	2.6%
Harlem Township	204.6	32,095	75,000	0.6599	377	167,298	0.2%
Kent Township	302.3	47,423	0	1.1365	539	117,497	0.5%
West Point Township	9.5	1,488	0	0.7047	10	245,067	0.0%
Village of Lena	3.1	480	0	0.8626	4	222,506	0.0%
Cedarville Fire Protection District	19.4	3,040	0	0.2923	9	95,495	0.0%
Freeport Fire Protection District	7.5	1,184	0	0.3735	4	163,234	0.0%
Lena Fire Protection District	487.4	76,462	410,000	0.2248	479	111,673	0.4%
Junior College District 519 (Co. 89)	680.2	106,717	410,000	0.3998	973	1,798,637	0.1%
Lena Library District	507.5	79,614	410,000	0.1969	426	114,425	0.4%
Lena Community Park District	487.4	76,462	410,000	0.7445	1,586	369,807	0.4%
Unit School District 145	172.8	27,103	0	5.5023	1,491	15,121,995	0.0%
Unit School District 202	507.3	79,598	410,000	4.7072	10,174	2,669,057	0.4%
Sub-total, Stephenson County					19,179		
Total, Two-County Area					64,608		

Notes:

¹Net right of way required for construction.²Equalized Assessed Valuation (E.A.V.) = Additional R.O.W. multiplied by \$95/acre for Jo Daviess or \$157/acre for Stephenson County.³Structures within R.O.W. to be acquired: \$55,000 per residence, \$100,000 per commercial building, and \$25,000 per farm building. (Note: These values reflect the averages used by the Tax Assessor's office and in no way predict the actual purchase price to be offered to individual owners of properties and/or structures. The fair market value of any portion of a land owner's property needed for the proposed project will be determined by qualified real estate appraisers.)⁴Dollars per \$100 of assessed valuation (Source: Illinois Department of Revenue).⁵
$$\text{E.A.V. of land} + 0.333 \times (\text{Market value of structures}) \times (\text{Tax rates for 1997}).$$
⁶Total assessed property tax for 1997 (Source: Illinois Department of Revenue).⁷Percent of revenue lost from highway construction.

TABLE M-20
TAX REVENUE LOSS ANALYSIS
ALT. 11: EXPRESSWAY ELEROY ALT.
U.S. ROUTE 20 STUDY, GALENA TO FREEPORT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS

Taxing Unit	Additional R.O.W. in Acres ¹	E.A.V. of Land ²	Market Value of Structures ³	Tax Rates for 1997 ⁴	Revenue Loss in 1997 Dollars ⁵	1997 Total Assessed Taxes ⁶	Percent Tax Loss ⁷
Jo Daviess County	2,142.7	204,196	2,410,000	0.7215	7,264	2,824,051	0.3%
East Galena Township	328.9	31,341	105,000	0.4221	280	163,482	0.2%
Elizabeth Township	608.4	57,976	370,000	1.049	1,901	144,139	1.3%
Village of Elizabeth	6.9	655	0	0.512	3	28,544	0.0%
City of Galena	15.6	1,484	0	1.8776	28	775,281	0.0%
Stockton Township	324.3	30,902	365,000	0.8109	1,236	184,874	0.7%
Village of Stockton	0.2	20	0	1.0503	0	137,980	0.0%
Rawlins Township	307.5	29,305	500,000	0.6451	1,263	53,522	2.4%
Rice Township	79.3	7,562	0	0.8641	65	66,949	0.1%
Wards Grove Township	148.2	14,121	80,000	1.0483	427	38,513	1.1%
West Galena Township	6.0	573	0	0.4871	3	186,605	0.0%
Woodbine Township	333.5	31,781	670,000	1.6448	4,192	131,438	3.2%
Elizabeth Community Fire Protection District	942.7	89,839	985,000	0.2031	849	99,400	0.9%
Galena-Rice Rural Fire Protection District	656.7	62,581	605,000	0.054	143	13,821	1.0%
Scales Mound Fire Protection District	55.1	5,249	0	0.2643	14	342,483	0.0%
Stockton Fire Protection District	472.4	45,022	390,000	0.3463	606	131,354	0.5%
Galena-Stauss Hospital District	334.9	31,915	605,000	0.075	175	57,780	0.3%
Stockton Township Park District	323.9	30,871	390,000	0.7959	1,279	181,454	0.7%
Junior College District 519 (Co. 43)	2,142.7	204,196	1,430,000	0.3965	2,698	1,521,002	0.2%
Galena Public Library District	334.9	31,915	160,000	0.2007	171	154,619	0.1%
Unit School District 120	727.5	69,334	630,000	3.9386	10,994	3,800,352	0.3%
Unit School District 206	641.2	61,107	740,000	3.797	11,677	1,903,890	0.6%
Unit School District 210	773.9	73,754	690,000	4.4078	13,379	4,136,340	0.3%
Sub-total, Jo Daviess County					58,646		
Stephenson County	618.3	97,011	0	0.9345	907	4,261,027	0.0%
Erin Township	165.0	25,891	315,000	1.5399	2,014	82,209	2.4%
Harlem Township	203.2	31,888	435,000	0.6599	1,166	167,298	0.7%
Kent Township	250.1	39,232	1,095,000	1.1365	4,590	117,497	3.9%
Cedarville Fire Protection District	7.0	1,095	0	0.2923	3	95,495	0.0%
Freeport Fire Protection District	196.2	30,776	135,000	0.3735	283	163,234	0.2%
Lena Fire Protection District	415.1	65,123	1,710,000	0.2248	1,426	111,673	1.3%
Junior College District 519 (Co. 89)	618.3	97,011	1,845,000	0.3998	2,844	1,798,637	0.2%
Lena Library District	415.1	65,123	1,710,000	0.1969	1,249	114,425	1.1%
Lena Community Park District	415.1	65,123	1,710,000	0.7445	4,724	369,807	1.3%
Unit School District 145	0.0	0	135,000	5.5023	2,474	15,121,995	0.0%
Unit School District 202	0.0	0	1,710,000	4.7072	26,804	2,669,057	1.0%
Sub-total, Stephenson County					48,485		
Total, Two-County Area					107,131		

Notes:

¹Net right of way required for construction.²Equalized Assessed Valuation (E.A.V.) = Additional R.O.W. multiplied by \$95/acre for Jo Daviess or \$157/acre for Stephenson County.³Structures within R.O.W. to be acquired: \$55,000 per residence, \$100,000 per commercial building, and \$25,000 per farm building. (Note: These values reflect the averages used by the Tax Assessor's office and in no way predict the actual purchase price to be offered to individual owners of properties and/or structures. The fair market value of any portion of a land owner's property needed for the proposed project will be determined by qualified real estate appraisers.)⁴Dollars per \$100 of assessed valuation (Source: Illinois Department of Revenue).⁵
$$\text{E.A.V. of land} + \frac{0.333 \times (\text{Market value of structures})}{100} \times (\text{Tax rates for 1997}).$$
⁶Total assessed property tax for 1997 (Source: Illinois Department of Revenue).⁷Percent of revenue lost from highway construction.

TABLE M-21
TAX REVENUE LOSS ANALYSIS
ALT. 12: EXPRESSWAY LENA ALT.
U.S. ROUTE 20 STUDY, GALENA TO FREEPORT
JO DAVIESS AND STEPHENSON COUNTIES, ILLINOIS

Taxing Unit	Additional R.O.W. in Acres ¹	E.A.V. of Land ²	Market Value of Structures ³	Tax Rates for 1997 ⁴	Revenue Loss in 1997 Dollars ⁵	1997 Total Assessed Taxes ⁶	Percent Tax Loss ⁷
Jo Daviess County	2,125.1	202,523	2,410,000	0.7215	7,251	2,824,051	0.3%
East Galena Township	326.2	31,085	105,000	0.4221	279	163,482	0.2%
Elizabeth Township	603.4	57,501	370,000	1.049	1,896	144,139	1.3%
Village of Elizabeth	6.8	650	0	0.512	3	28,544	0.0%
City of Galena	15.4	1,472	0	1.8776	28	775,281	0.0%
Stockton Township	321.6	30,648	365,000	0.8109	1,234	184,874	0.7%
Village of Stockton	0.2	20	0	1.0503	0	137,980	0.0%
Rawlins Township	305.0	29,065	500,000	0.6451	1,262	53,522	2.4%
Rice Township	78.7	7,500	0	0.8641	65	66,949	0.1%
Wards Grove Township	147.0	14,005	80,000	1.0483	426	38,513	1.1%
West Galena Township	6.0	568	0	0.4871	3	186,605	0.0%
Woodbine Township	330.8	31,521	670,000	1.6448	4,188	131,438	3.2%
Elizabeth Community Fire Protection District	935.0	89,104	985,000	0.2031	847	99,400	0.9%
Galena-Rice Rural Fire Protection District	651.3	62,068	605,000	0.054	142	13,821	1.0%
Scales Mound Fire Protection District	54.6	5,206	0	0.2643	14	342,483	0.0%
Stockton Fire Protection District	468.6	44,653	390,000	0.3463	604	131,354	0.5%
Galena-Stauss Hospital District	332.1	31,653	605,000	0.075	175	57,780	0.3%
Stockton Township Park District	321.3	30,618	390,000	0.7959	1,277	181,454	0.7%
Junior College District 519 (Co. 43)	2,125.1	202,523	1,430,000	0.3965	2,691	1,521,002	0.2%
Galena Public Library District	332.1	31,653	160,000	0.2007	170	154,619	0.1%
Unit School District 120	721.6	68,766	630,000	3.9386	10,971	3,800,352	0.3%
Unit School District 206	636.0	60,607	740,000	3.797	11,658	1,903,890	0.6%
Unit School District 210	767.6	73,150	690,000	4.4078	13,352	4,136,340	0.3%
Sub-total, Jo Daviess County					58,537		
Stephenson County	597.1	93,677	0	0.9345	875	4,261,027	0.0%
Erin Township	135.3	21,235	330,000	1.5399	2,019	82,209	2.5%
Harlem Township	213.6	33,515	450,000	0.6599	1,210	167,298	0.7%
Kent Township	248.0	38,911	810,000	1.1365	3,508	117,497	3.0%
Cedarville Fire Protection District	20.2	3,174	0	0.2923	9	95,495	0.0%
Freeport Fire Protection District	7.9	1,236	0	0.3735	5	163,234	0.0%
Lena Fire Protection District	0.0	0	1,705,000	0.2248	1,276	111,673	1.1%
Junior College District 519 (Co. 89)	597.1	93,677	1,705,000	0.3998	2,644	1,798,637	0.1%
Lena Library District	416.7	65,375	1,705,000	0.1969	1,247	114,425	1.1%
Lena Community Park District	395.7	62,084	1,705,000	0.7445	4,689	369,807	1.3%
Unit School District 145	180.4	28,302	0	5.5023	1,557	15,121,995	0.0%
Unit School District 202	0.0	0	1,705,000	4.7072	26,726	2,669,057	1.0%
Sub-total, Stephenson County					45,766		
Total, Two-County Area					104,303		

Notes:

¹Net right of way required for construction.²Equalized Assessed Valuation (E.A.V.) = Additional R.O.W. multiplied by \$95/acre for Jo Daviess or \$157/acre for Stephenson County.³Structures within R.O.W. to be acquired: \$55,000 per residence, \$100,000 per commercial building, and \$25,000 per farm building. (Note: These values reflect the averages used by the Tax Assessor's office and in no way predict the actual purchase price to be offered to individual owners of properties and/or structures. The fair market value of any portion of a land owner's property needed for the proposed project will be determined by qualified real estate appraisers.)⁴Dollars per \$100 of assessed valuation (Source: Illinois Department of Revenue).⁵
$$\frac{\text{E.A.V. of land} + 0.333 \times (\text{Market value of structures})}{100} \times (\text{Tax rates for 1997}).$$
⁶Total assessed property tax for 1997 (Source: Illinois Department of Revenue).⁷Percent of revenue lost from highway construction.